

18. Approve Sole Source Procurement and authorize the issuance of a Purchase Order for the Purchase of an Integrated Lightning Prediction and Warning System, with Thor Guard, Inc., Sunrise (\$30,577.50).

The County Parks and Recreation Division is requesting the acquisition of an integrated lightning prediction and warning system to be implemented at (1) Softball Complex/Sanlando Park; (2) Red Bug Lake Park; (3) Sylvan Lake Park; and (4) Soldier's Creek Park. Thor Guard is the only company that designs and manufacturers an interactive package of both lightning prediction and external warning systems. Thor Guard systems is based on time. The system is designed to give a "Red Alert" warning eight (8) to twenty (20) minutes in advance of a potential strike in the area. The entire system can be installed outdoors as a single unit. When the system senses a hazardous condition, the system automatically provides both audible and visual alerts. Under normal conditions the air-horns have a range of approximately 700 yards, in a 360-degree pattern. Thor Guard Model L75 is an upgradeable base prediction and warning system control center so that at any time in the future, the County, if desired, can provide warning remote locations up to 1-1/4 miles away.

Numerous cities and municipalities are installing this warning systems for safer operations at parks, schools, soccer fields, etc., list is included as part of the backup documents.

Library and Leisure Services/Parks and Recreation Division and Fiscal Services/Purchasing and Contracts Division recommend the Board to approve the Sole Source procurement and authorize the issuance of a Purchase Order in the amount of \$30,577.50.

THOR GUARD, Inc.
Lightning Prediction System Quotation Totals

	<u>Park</u>	<u>System Needed</u>	<u>Number of Remotes (If Needed)</u>	<u>System Price</u>	<u>*5% Discount</u>
	Seminole CO. Softball Complex /				
1.)	Sanlando Park	L75R	1	\$14,100.00	\$13,027.50
2.)	Red Bug Lake Park	Thorguardian	N/A	\$6,095.00	\$5,850.00
3.)	Sylvan Lake Park	Thorguardian	N/A	\$6,095.00	\$5,850.00
4.)	Soldier's Creek Park	Thorguardian	N/A	\$6,095.00	\$5,850.00
TOTALS				\$32,385.00	\$30,577.50

* Use the 5% off price if all systems are ordered.

THOR GUARD, Inc.
Lightning Prediction System Quotation

Date:	February 16, 2004
-------	-------------------

System Quote For:	Seminole County Parks & Recreation Red Bug Lake Park
-------------------	--

	Quantity Leased or sold	Lease Charges	Selling Price	*Optional Total
THOR GUARD Model THORGUARDIAN With Sensor, including shipping.	(1) @ \$4995 ea.		\$4995.00	\$4750.00
Uninterrupted Power Supply (UPS)	() @ \$300 ea.			
OPTIONAL EQUIPMENT & INSTALLATION:				
Estimated Installation Fee:	(1) @ \$750 ea.		\$750.00	\$750.00
Solar Panels with mounting bracket in lieu of direct a/c hookup	(1) @ \$350 ea.		\$350.00	\$350.00
Information Package: Lightning posters and 100 golf cart stickers	(1) @ \$100 ea.		No Charge	No Charge

TOTALS:

		\$6095.00	\$5850.00

EXCLUDES, APPLICABLE STATE OR LOCAL TAXES

FREIGHT: FOB Sunrise, FL (Prepaid and invoiced to customer)

QUOTATION VALID FOR 90 DAYS FROM ISSUE DATE.

(Quote may vary based on site review)

* Use Optional Total if all systems are ordered.

THOR GUARD, Inc.
Lightning Prediction System Quotation

Date:	February 16, 2004
-------	-------------------

System Quote For:	Seminole County Parks & Recreation Seminole Co. Softball Complex / Sanlando Park
-------------------	--

	Quantity Leased or sold	Lease Charges	Selling Price	*Optional Totals
THOR GUARD L75R	(1) @\$6,000 ea.		\$6,000.00	\$5,700.00
Voice of THOR (VOTBD) – Base System	(1) @\$2,800 ea		\$2,800.00	\$2,660.00
Voice of THOR – (VOTRC) Add'l Remote if required.	(1) @\$2,650 ea.		\$2,650.00	\$2,517.50
OPTIONAL EQUIPMENT & INSTALLATION:				
Installation	(1) @ \$2,000		\$2,000.00	\$1,500.00
Solar Panels with mounting bracket in lieu of direct a/c hookup	(1) @ \$350 ea.		\$350.00	\$350.00
UPS/ line conditioner	(1) @ \$300 ea.		\$300.00	\$300.00
Lightning information package - large posters	(1) @ \$100 ea.		No Charge	No Charge
TOTALS:			\$14,100.00	\$13,027.50

ALL PRICES ABOVE EXCLUDE APPLICABLE STATE OR LOCAL TAXES

FREIGHT: FOB Sunrise, FL. (Prepaid and invoiced to customer)

QUOTATION VALID FOR 90 DAYS FROM ISSUE DATE.

* Use Optional Total if all systems are ordered.

THOR GUARD, Inc.
Lightning Prediction System Quotation

Date:	February 16, 2004
-------	-------------------

System Quote For:	Seminole County Parks & Recreation Soldier's Creek Park
-------------------	---

	Quantity Leased or sold	Lease Charges	Selling Price	*Optional Total
THOR GUARD Model THORGUARDIAN With Sensor, including shipping.	(1) @ \$4995 ea.		\$4995.00	\$4750.00
Uninterrupted Power Supply (UPS)	() @ \$300 ea.			
OPTIONAL EQUIPMENT & INSTALLATION:				
Estimated Installation Fee:	(1) @ \$750 ea.		\$750.00	\$750.00
Solar Panels with mounting bracket in lieu of direct a/c hookup	(1) @ \$350 ea.		\$350.00	\$350.00
Information Package: Lightning posters and 100 golf cart stickers	(1) @ \$100 ea.		No Charge	No Charge

TOTALS:

		\$6095.00	\$5850.00

EXCLUDES, APPLICABLE STATE OR LOCAL TAXES

FREIGHT: FOB Sunrise, FL (Prepaid and invoiced to customer)

QUOTATION VALID FOR 90 DAYS FROM ISSUE DATE.
(Quote may vary based on site review)

* Use Optional Total if all systems are ordered.

THOR GUARD, Inc.
Lightning Prediction System Quotation

Date:	February 16, 2004
-------	-------------------

System Quote For:	Seminole County Parks & Recreation Sylvan Lake Park
-------------------	---

	Quantity Leased or sold	Lease Charges	Selling Price	*Optional Total
THOR GUARD Model THORGUARDIAN With Sensor, including shipping.	(1) @ \$4995 ea.		\$4995.00	\$4750.00
Uninterrupted Power Supply (UPS)	() @ \$300 ea.			
OPTIONAL EQUIPMENT & INSTALLATION				
Estimated Installation Fee:	(1) @ \$750 ea.		\$750.00	\$750.00
Solar Panels with mounting bracket in lieu of direct a/c hookup	(1) @ \$350 ea.		\$350.00	\$350.00
Information Package: Lightning posters and 100 golf cart stickers	(1) @ \$100 ea.		No Charge	No Charge

TOTALS:

		\$6095.00	\$5850.00

EXCLUDES, APPLICABLE STATE OR LOCAL TAXES

FREIGHT: FOB Sunrise, FL (Prepaid and invoiced to customer)

QUOTATION VALID FOR 90 DAYS FROM ISSUE DATE.

(Quote may vary based on site review)

* Use Optional Total if all systems are ordered.

THOR GUARD, INC.
MODEL L75 - PRICE LIST
July 24, 2003

18

THOR GUARD MODEL L75 Lightning Prediction System:

THOR GUARD L75 or L75I Computer Console \$4,200.00
Hyperstatic Sensor & Triaxial Cable (up to 200')
Staff Training and Installation Manual
Operations and Troubleshooting Information
Includes THOR PC Software with 6', DB9 Cable

THOR GUARD L75B \$4,400.00
THOR GUARD L75R \$6,000.00

Upgrade Options

L75 to L75B (Base Horn Activation) \$200.00
L75B to L75R (Remote Horn Activation) \$1,600.00
L75 to L75R (Base and Remote Horn Activation) \$1,800.00

Warranty Information:

Five (5) Years of Free Software Upgrades
Two (2) Year Limited Warranty on Computer Hardware
One (1) Year Warranty on Sensor (Subject to variations in local environmental conditions)

Voice OF THOR External Alarm System, including:

VOTBD: Base Driver with Horn Cluster, Communications/Power Cable & Battery:

Sales Price: \$2,000.00

Upgrade to Remote Horn System (Transmitter, Cables): \$800.00

VOTRC: Remote Receiver/Computer, External Horn Cluster, 12 Volt Electrical Power System & RF Antenna

Sales Price: \$2,650.00

Two (2) Year Limited Warranty

Other Information:

1. Features and options listed on specification sheet.
2. All shipments are F.O.B. Sunrise, FL. (Prepaid and added to invoice)
3. Sales price excludes applicable local or state taxes.
4. Upgrade to THOR PC Network Edition - \$200.00.
5. Installation prices may vary and should be based on a site review.
6. Quantity discounts offered for multiple use customers.
7. 5% discount to VGM members on THOR GUARD manufactured products.
8. Solar panel (20 watt) with mounting bracket \$350.00 each.
9. Uninterruptible Power Supply (U.P.S.)/Line Conditioner \$300.00 each.
10. One (1) year limited warranty applies to non-manufactured equipment such as strobe lights, batteries, solar panels, and U.P.S. units.

THOR GUARD, INC.
WARRANTY INFORMATION
January 16, 2002

TEN YEAR WARRANTY ON SOFTWARE TECHNOLOGY UPGRADES

For a period of ten (10) years from date of purchase of all THOR GUARD Lightning Prediction Systems, the company will automatically upgrade the microprocessor with any new development in lightning evaluation software. This warranty covers all THOR GUARD models - so the customer need never worry that existing equipment will become outdated or obsolete. The Company is committed to providing every customer with the optimum in lightning prediction technology. THOR GUARD is the only company in lightning warning to make this commitment.

FOUR YEAR WARRANTY ON LIGHTNING PREDICTION HARDWARE

THOR GUARD will cover failures due to defects in materials or workmanship, which occur during normal use of its lightning prediction computer for **four years** from date of purchase. This warranty covers console models L25, L50 and L150 and has been extended due to the enduring reliability and quality of all THOR GUARD products.

OTHER WARRANTY INFORMATION

Two-year warranty on Voice of THOR – Master Alarm Control and External Horn Equipment.
One-year warranty on Hyperstatic Sensor due to variations in local environmental conditions.
One-year warranty on the TG900 Radio System.
One-year warranty all non-manufactured items such as batteries, solar panels and U.P.S. units

Note: This warranty does not cover shipping and handling fees.

THOR**GUARD, INC.**

THOR GUARD Model L75

LIGHTNING PREDICTION SYSTEM**18**

THOR GUARD leads the world in the manufacture of lightning prediction and lightning warning systems. Since 1972, **THOR GUARD** has utilized our proprietary atmospheric electrostatic analysis to produce a variety of lightning prediction systems to meet the technical and budgetary demands of various customer groups.

THOR GUARD's Model L75 is our first upgradeable base prediction and warning system control center. Customers can now have an entry-level system, automatic or manual, capable of providing audible and visual warning for a single site. The L75 is fully upgradeable, so that at any time in the future, you can provide warning for remote locations up to 1¹/₄ miles away.

FEATURES

- Easy to Read Large Blue Vacuum Fluorescent Display.
- 40 segment "Energy Level" LED Display to show instantaneous energy migrations.
- "Field Collapse Count" indicator shows lightning discharges during storm activity.
- Unique "Activity Detector" displaying projected time until resumption of safe operations.
- Instant Lightning Hazard Level (LHL) and Dynamic Index (DI) continuously displayed.
- All Clear, Caution, Warning, Red Alert, each distinct warning level clearly displayed.
- Multiple range options available for different geographic areas and user applications.
- User adjustable Red Alert level for increased storm notification time.
- Programmable sensor self-test every 24 hours at user selected time.
- Separate Test key provided to manually verify sensor operation.
- Connects to THOR GUARD's THOR PC visual display and storm storage software.
- Two (DB9) RS232 ports to allow interface with a computer to run THOR PC.
- Two hazard levels of local audio alarm with user adjustable volume control.
- Option provided for user to mute local audio during storms.
- Auto / Manual mode manages alarms for monitored or unmonitored operations.
- Option to manually sound **All Clear** or **Red Alert** alarm horns by user.
- Self-powered Internal Storm Buffer maintains recent storm times and hazard levels.
- User-selectable hours of alarm operation or 24-hour ongoing operation.
- System diagnostics to facilitate and maintain correct operations.
- Compact design and robust construction, sealed tactile feedback membrane panel.
- Access to **All Clear** & **Red Alert** signal using dry closure contacts relay.
- Wall or table mounting.
- Interfaces with **THOR GUARD WEATHER** (OPTIONAL).

Specifications

18

Models: L75, L75B, L75I, L75R

Model Specifications: L75..... Local Hazard Output, +12 Volt DC
L75BLocal THOR GUARD VOT Base Horn
L75I..... 2 Separate Dry Closure Relays
L75R..... Local THOR GUARD VOT Base Horn & Remote Horns

L75 Power Requirements: Voltage: 120 Volts AC, 60 Hz, Single Phase
Power: .25A, 22 Watts

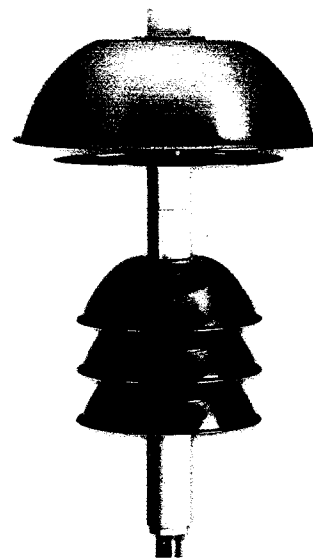
L75 Power Supply: 3- Plug, Wall Mounted, Grounded
120 VAC, 60 Hz
Dimensions: 2.68" W x 2.19" D x 3.45" H
Safety Requirements: UL, CSA,
Power Cord: 6 ft. Weight: 1.5 Lbs.

L75 Console: Dimensions: 7.25" L x 8.75" W x 1.75" H
Weight: 2 Lbs.

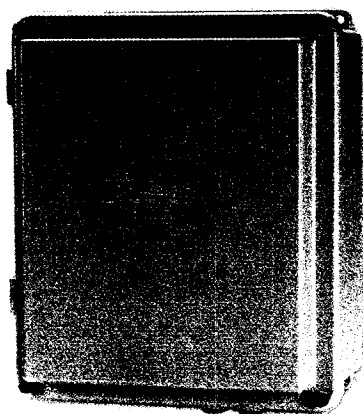
Hyperstatic Sensor: Dimensions: 16" W x 30" H
Weight: 7.5 Lbs. (Cable not Included)

Sensor Cable: West Penn 3815 UL Listed Nec Type CL2 (Optional Plenum Cable Available)
3/8" Dia. Double Shielded Triaxial with Teflon Core, Standard Length 125 ft.,
40 ft., 75 ft., or 150 ft. Available (200 ft. Max. Length, Additional Cost)

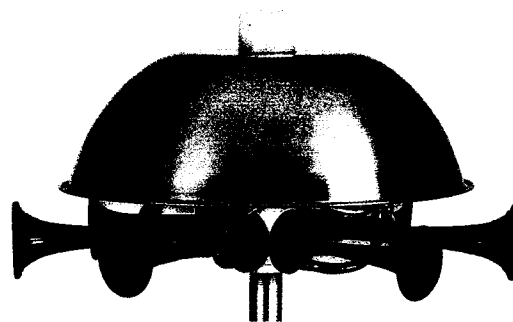
Vot Comm-Link Cable: West Penn 3021 UL Listed Nec Type CL3 (Optional Plenum Cable Available)
1/4" Dia. Shielded 6 Conductor PVC Jacket.
Standard Length Available 75 ft., 125 ft., 150 ft., (200 ft. Max. Length)



Hyperstatic Sensor



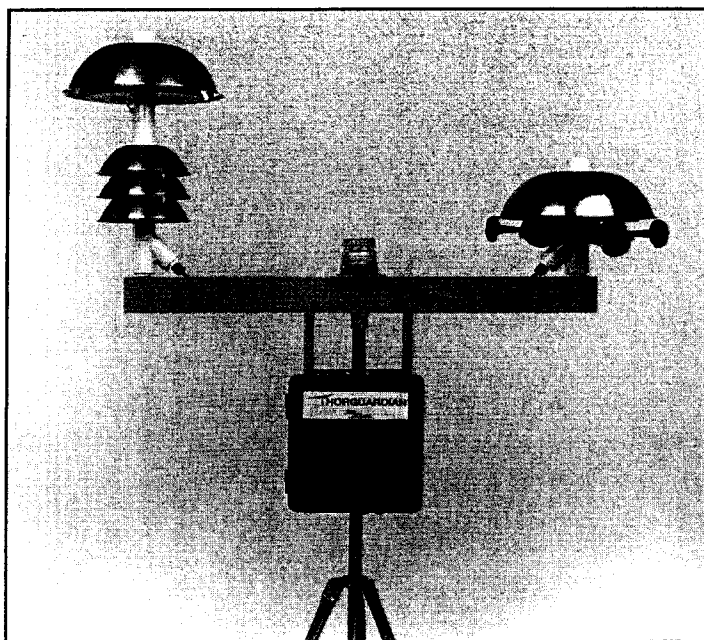
VOT BC or VOT RC



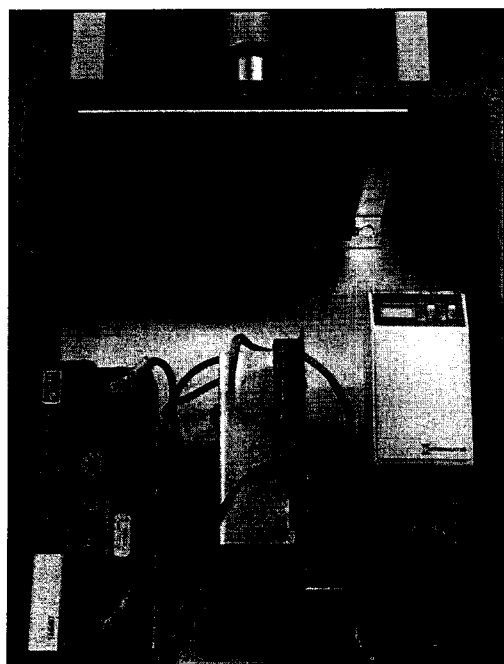
VOT Horn

(Specifications & features subject to change without notice)

The THOR GUARDIAN is the first, totally integrated advance warning system for lightning. THOR GUARD has combined its state of the art lightning prediction technology with automatically activated air-horns and strobe lights, for single location applications. The entire system may be easily installed outdoors as a single unit. The sensor monitors energy as far away as 15 miles and evaluates the potential for lightning within an area of approximately two miles in radius. When the THOR GUARDIAN senses a hazardous condition, the system automatically provides both audible and visual alerts. Under normal conditions the air-horns have a range of approximately 700 yards, in a 360° pattern.



FEATURES:



- THOR GUARD lightning prediction computer with sensor.
- 360° audible air-horn warning package.
- Strobe light that remains active during "RED-ALERT" conditions (Conforms with Americans with Disability Act).
- Integrated, 7 day/24 hour timer for custom operation.
- Totally automatic notification of "RED-ALERT" and "ALL-CLEAR" conditions.
- Designed for continuous, unattended operation.
- Automatic self testing every 24 hours.
- Includes mounting rack for easy installation.
- Audible warning for low battery/ac power interruptions and test failures.
- Additional enhancements such as remote reporting available upon request.

THOR GUARD, Inc.

1193 Sawgrass Corporate Parkway, Sunrise, FL 33323

Tel (954) 835-0900 • (888) 571-1212 • Fax (954) 835-0808 • e-mail: sales@thorguard.com

SPECIFICATIONS

POWER REQUIREMENTS:

120VAC (60HZ) .25 A 30W

POWER SUPPLY:

SAFETY REQUIREMENTS: UL, CSA, VDE
MEETS: FCC PART 15 CLASS B
POWER CORD: UL, CSA 3 COND. SJT 6 Ft.
FUSE: RESETABLE CIRCUIT BREAKER /SWITCH

ENCLOSURE:

DIMENSIONS: 13" W x 6 1/2" D x 15 1/4" H
SAFETY REQUIREMENTS: UL, CSA, 4X
SEALED GRAY FIBERGLASS ENCLOSURE
WEIGHT: 26 lb.

MODEL L25 THORGUARD:

DIMENSIONS: 5.5" W x 1.25" D x 6.875" H
POWER: 12V D.C.
MEETS: FCC PART 15 CLASS B
ALARM LEVEL: USER SELECT, (LOW,MED,HIGH)
CURRENT STATUS LED DISPLAY

HYPERSTATIC SENSOR:

DIMENSIONS: 16" W x 30" H
CABLE: 3/8" DOUBLE SHIELD TRIAXIAL 10 Ft.
WEIGHT: 10 lb.

AIR HORN CLUSTER:

DIMENSIONS: 19" W x 9" H
CABLE: 12AWG 4 Cond. UV RES. 10 Ft.
OUTPUT: 110 dB @ 10 ft. Up TO 1/2 MILE RANGE
AUDIO FREQ.: 600 / 900 Hz
POWER: 12V D.C.
WEIGHT: 10 lb.

STROBE LIGHT:

DIMENSIONS: 4" H x 4.5" DIA
CABLE: 20 AWG 2 Cond UV RES 8 Ft.
LIGHT OUTPUT: 500 CANDELA
POWER: 12V D.C.
WEIGHT: 1 lb.

TIMER:

INTERMATIC MODEL DT7
(MODIFIED BY THORGUARD)

7-DAY DIGITAL ; 3 YEAR BATTERY
USER SELECT ALARM OFF/ON TIME

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

18



February 17, 2004

Mr. Steve Waring
Seminole County Parks and Recreation

Via Fax – 407-869-5315

Dear Mr. Waring:

Hunter Ross requested that we fax you the following information.

1. Sole Source letter attached.
2. THOR GUARD products are designed and operate through the use of our proprietary technology. Our Patent and Trademark numbers are 4,095,221 and 2,390,039 respectively.
3. List of accounts that have purchased equipment through Sole Source.

We look forward to the opportunity to furnish and install our systems at your facility. Please contact us if you have any questions or require additional information.

Very truly yours,

A handwritten signature in cursive script, appearing to read "RA Miller".

RA Miller
Vice President

RAM/jz



February 17, 2004

Integrated Lightning Prediction and Warning Systems

Mr. Steve Waring
Seminole County Parks and Recreation

Via Fax – 407-869-5315

Dear Mr. Waring:

Please be advised that we are both the sole manufacturer and the sole distributor of the THOR GUARD Lightning Prediction and Warning Systems. As a matter of fact, THOR GUARD is the only company that manufactures a lightning prediction system in the entire world. Our products are manufactured in Sunrise, Florida.

We look forward to the opportunity to furnish and install our systems at your facility.

Very truly yours,

RA Miller
Vice President

RAM/jz

THOR GUARD, INC.
City/Park & Recreation Sole Source List:
February 17, 2004

City of Sunrise	Steve Kane	(954) 747-4600
City of Coral Springs	Rick Engle	(954) 345-2110
City of Plantation	Phil Goodrich	(954) 452-2511
City of Pembroke Pines	Dean Combs	(954) 435-6520
Village of Royal Palm Beach	Lou Recchio	(561) 790-5194
City of Edgewater	Jack Corden	(904) 424-2485
City of Miramar	Bruce Noble	(954) 704-4436
City of New Smyrna Beach	Steve Provost	(904) 427-0694
City of Palm Beach Gardens	Brian McLaughlin	(561) 775-8270
Village of Wellington	Kevin Drake	(561) 791-4005
City of Parkland	James Cowen	(954) 753-5040
City of Weston	Jeff Skidmore	(954) 389-4321
Miami Dade Police Dept.	Greg Benjamin	(305) 715-5045
City of Coconut Creek	Larry Spollen	(954) 956-6780
Palm Beach Gardens/Sheriff's Off.	Layne Schultetus	(561) 790-6123
Palm Beach Garden/Park & Rec.	Brian McLaughlin	(561) 775-8270
Pt. Everglades/Broward Co.	Dave Olmstead	(954) 523-3404
City of Wilton Manors	Bill Wetzel	(954) 390-2100
Orange County Parks & Rec.	Robert Parker	(407) 858-4710
Borough of Roseland	Michael Collitti	(973) 226-6552
Citrus County Parks & Rec.	Chrissee Brown	(352) 795-6520



18 7

2701 Sibley Avenue
Park Ridge, Illinois 60068
(847) 692-5127
Fax: (847) 318-6808

Mr. Robert Dugan
THOR GUARD, Inc.
1193 Sawgrass Corporate Parkway
Sunrise, FL 33323

Dear Bob:

As you know, a popular Park Ridge student and soccer referee was killed by a rogue lightning strike in 1996. The lightning struck Scott ten minutes after the storm had passed. At the time, the strike was described as "rogue" because weather experts indicated that such strikes were rare and not likely to reoccur.

The Park Ridge Park District researched the lightning warning product marketplace and decided to purchase THOR GUARD on the strength of your customers' success with the system.

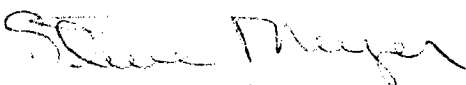
The evening of our dedication ceremony, exactly one year to the day of Scott's tragic death, the Voice of THOR at Hinkley Field sounded with no indication of severe weather anywhere. As you and Chicago are now well aware, ten minutes after the warning sounded and the fields cleared, another rogue strike struck the field, a first strike from ten or more miles away. This time no one was injured! Had we not installed THOR GUARD, someone would have been killed or injured.

Park Ridge now has several years' use of THOR under its belt, and we are grateful to your very supportive customers for directing us to your company. Your personnel have been helpful every step of the way and our community is a safer place to live and play because THOR GUARD is a daily part of our lives.

Bob, again, thank you for playing an important role in our past, present and future.

Sincerely,

PARK RIDGE RECREATION AND PARK DISTRICT


Steven K. Meyer, Director

SKM:js



City of Edgewater

Parks and Recreation

P.O. Box 100 Edgewater, Fl. 32132-0100

(904) 424-2485 Fax (904) 424-2416

18

Thor Guard, Inc.
1193 Sawgrass Corporate Parkway
Sunrise, Fl. 33323

To Whom It May Concern:

We here at the City of Edgewater Recreation Department are extremely satisfied with the way Thor Guard works and the support that your team has helped us setting things up.

We highly recommend any and all recreation departments to install this lightning system through all of their parks where outside sports take place!

We have now purchased two different Thor Guard systems and have them placed at both field locations. Every coach, parent and kid now understands just what to do should the alarm sound.

The system makes decisions on canceling games and practices easy!

Both locations for our systems are next to the two elementary schools in our town. The school staff has seen the video and both schools also use the alarms for outside safety.

Our state of Florida has lightning strikes two to three times higher than most other states and most storms are in the afternoon when sports programs are getting started.

No recreation department should be with out a Thor Guard!

Respectfully,

City of Edgewater Recreation Department



May 18, 2001

Mr. Robert Dugan
President
ThorGuard Inc.
1193 Sawgrass Corporate Parkway
Sunrise, FL 33323

Dear Mr. Dugan:

We have had the good fortune to utilize your Lightning Prediction Systems in every time zone of the United States of America over the past several seasons. The added confidence your system provides our staff in predicting the possibilities of a lightning strike are greatly enhanced with the L150 system.

100 AVENUE OF THE CHAMPIONS

Box 109601

PALM BEACH GARDENS

FLORIDA 33410-9601

TELEPHONE: (561) 624-8400

FAX: (561) 624-8429

<http://www.PGA.com>

Throughout our year round tournament season, we often deal with inclement weather conditions. With the use of Weather for Windows for storm tracking on our portable computers and the Thor Guard to adequately monitor the potential for dangerous lightning, which may impact our event site, we are far better prepared to make safe and timely decisions than we ever could by simple sight and feel alone.

During our journeys, the L150 has been repeatedly and successfully tested and has helped tremendously in a variety of areas of the country such as: Washington, Louisiana, Nebraska, Ohio, Pennsylvania, Florida, Texas, Oklahoma, Wisconsin, Michigan and New Mexico.

Once again, we would like to thank you and your organization for Thor Guard's professional support and the dependable accuracy that the L150 system brings to our events. It is the ability to predict the first strike and the tail end backlash of a storm that establishes your systems at the top of the weather prediction and warning business.

Best Regards,

Chris Childers
PGA Professional



SOUTH FLORIDA
SECTION

April 3, 2000

10804 WEST SAMPLE ROAD
CORAL SPRINGS, FLORIDA 33065
(954) 752-9299
FAX: (954) 752-9659
E-MAIL SFlorida@PGAHQ.com
www.pga.org/sflorida/

Mr. Peter Townsend
THORGUARD, Inc.
1193 Sawgrass Corporate Expressway
Sunrise, FL 33323

Dear Peter:

On behalf of the South Florida Section PGA, I'd like to thank you for providing us with the best lightning warning system available. As you know, we have been operating your system for over five years now and continue to stress the importance of having a prediction system at each of those facilities we visit during our season who are not equipped with one. Hopefully, in doing so, we have triggered business for you.

Thank you again for our current upgrade with the MAC. You and your staff have been exceptionally helpful and professional in dealing with our needs.

If we can ever be of assistance to you, please feel free to give us a call.

Sincerely,

Scott Fox
Tournament Director
South Florida Section PGA

JOHN NELSON
PRESIDENT

MICHAEL MCLELLAN
VICE PRESIDENT

TOM WILDENHAUS
SECRETARY

LYNN JOSEPHSON
IMMEDIATE PAST PRESIDENT

KEVIN J. MARRONE
EXECUTIVE DIRECTOR

ADVISORY BOARD
RICK BECHTOLD
JOHN CRISWELL
JIM MAITLAND
CHARLES NELSON
CRAIG A. PERNA
DONALD SMILEY
ROGER WOONTON

March 14, 2000

ThorGuard, Inc.
Mr. Robert M. Dugan, Executive V.P.
1193 Sawgrass Corporate Parkway
Sunrise, FL 33323

Re: Atlanta Committee for the Olympic Games – ThorGuard System

Dear Mr. Dugan:

I am writing this letter to confirm the use of your product during the 1996 Centennial Olympic Games in Atlanta, GA.

As you know, I served as the Manager of Safety and Loss Control for the Atlanta Committee for the Olympic Games (ACOG) for four years. Although there were other safety and health professionals, such as local authorities, who were involved with the Olympic Games, I was the only person in that capacity working directly for and employed by ACOG. I reported directly to the CFO and indirectly to the COO and Director of Venues. In the planning stages for the Olympics we were very concerned about lightning at our outdoor venues. While we were in direct contact with the National Weather Service, we wanted every opportunity for early warning since evacuation timing for the large crowds was a concern. There were times during test events that we were under storm and lightning conditions even though the National Weather Service showed no storms in our area. We purchased the ThorGuard system for all of our outdoor venues to supplement our risk management efforts. In fact, I do not know of any other vendor that was utilized for any safety and loss control products other than ThorGuard. I only heard positive comments from the venue managers on the use of the system at the venues. There are probably some things we would do differently if we were to hold the Olympic Games again tomorrow. However, I can assure you that the ThorGuard system would still be in place at the outdoor venues based on the feedback I received from the venue managers.

Please don't hesitate to give me a call if you require any more information relating to the use of the ThorGuard system at the 1996 Olympic Games.

Sincerely,



Barry Donnelly, P.E.

Former Manager of Safety and Loss Control - Atlanta Committee for the Olympic Games